



Date of Application, 9th Nov., 1903—Accepted, 7th Jan., 1904

COMPLETE SPECIFICATION.

“Inhaling Device”

I, ARTHUR GOLDSTAUB, of 32 Grindelallee, Hamburg, Germany, Chemist, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

5 This invention has for its object to provide a capsule for containing material to be inhaled, the said capsule being provided with a removable cover and being of such form and construction that when the cover is removed it can readily be introduced into the nostril.

10 The base of the capsule may be formed with short tongues or prongs leading into the interior of the capsule but leaving a round orifice in the base, so that one end of the wadding impregnated with the substance to be inhaled is held securely by the ends or tips of the tongues while the small orifice referred to permits of a draught of air through the capsule which is necessary for inhalation to take place. This small opening may be covered in any way when the device
15 is not required for use.

In the accompanying drawings are shown two forms of carrying out the present invention.

Figure 1 shows one embodiment with the capsule in opened and closed position. Figure 2 shows a modification of the capsule in opened position in section
20 and in closed position in elevation; in the opened position the capsule is shown at a certain stage in its manufacture in which the tongues or prongs above referred to project downwards from the base, and in the closed position the capsule is shown in its finished state.

As shown in the drawings the capsule comprises essentially two substantially
25 cylindrical parts *a* and *b*, preferably composed of gelatine, *b* serving as a cover for the part *a*, and the closed ends of each being of approximately hemi-spherical form.

It is essential to the invention that the diameter of the capsule renders the device suitable for ready insertion into the nostril.

30 The material to be inhaled is contained in the part *a* the base of which is provided with a small opening or openings *d* so that a current of air can be drawn up through the material within the capsule into the nostril, when the cover has been removed. If it is desired a second cap can be provided to cover the openings *d* so that no volatile products can escape from the capsule and the
35 material to be inhaled lasts longer.

Among the advantages of this invention are to be considered the fact that when the device is not being used there is no escape of the inhalant, and further such capsules being so very cheap, after they have been once used they can be thrown away, the capsules being of such size that they can be sold in boxes
40 containing say five to ten thereof.

In the modification shown in Figure 2 the base of the part *a* is shown provided with tongues *f* which are adapted to grip the wad or other fibrous material which has been impregnated with the inhalant and to be then bent inwards so as to close the capsule while leaving a small orifice to allow a current of air to
45 pass through the part *a* when the latter is inserted into the nostril.

[Price 8d.]

Goldstaub's Inhaling Device.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:—

(1) The herein described capsule for containing material to be inhaled comprising two hollow cases of substantially cylindrical form, one adapted to fit over the other and having closed hemi-spherical ends, one of said cases being adapted to hold the material and being of such dimensions as to readily be inserted into the nostril as and for the purpose set forth. 5

(2) The herein described capsule for containing material to be inhaled comprising two hollow cases *b* and *a* of which *b* is adapted to serve as a cover for *a*, the case *a* containing the material and being of such dimensions as to be readily inserted into the nostril, said case *a* having an orifice in its lower end to permit of a draught of air through said case, as and for the purpose set forth. 10

(3) The herein described capsule for containing material to be inhaled comprising two hollow cases *b* and *a* of substantially cylindrical form, the case *b* having a closed hemi-spherical end and being adapted to serve as a cover for the case *a*, said case *a* having tongues projecting from its outer end and adapted to grip the fibre impregnated with material to be inhaled and to be folded inwards so as to leave an orifice for a draught to pass through said case, said case *a* being also of such dimensions as to readily enter the nostril. 15 20

(4) The device for containing material for inhalation purposes substantially as described with reference to the annexed drawings.

Dated this 9th day of November, 1903.

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Fig. 1

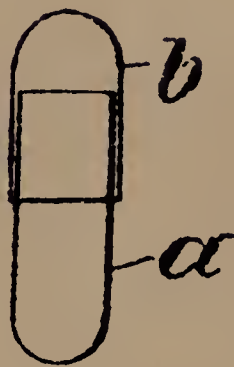
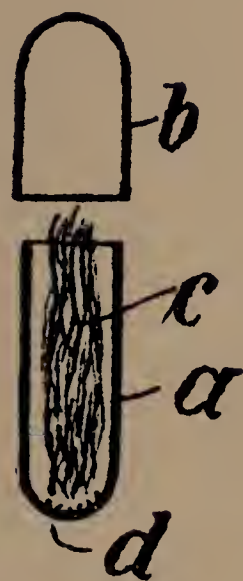
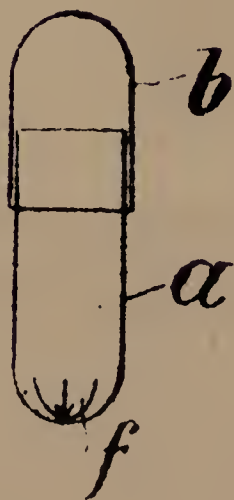
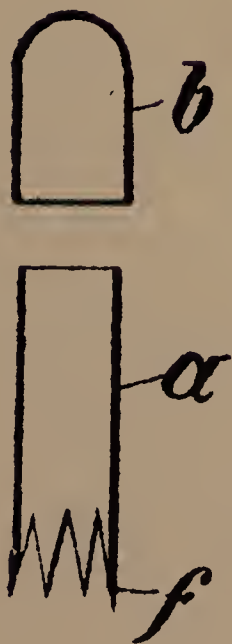


Fig. 2



[This Drawing is a full-size reproduction of the Original.]

